

CORRES. CONTROL
INCOMING LTR NO.

01537 RF 97

DUE DATE
ACTION



Department of Energy

ROCKY FLATS FIELD OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928

OCT 15 1997

97-DOE-05425

16 OCT 97 2:52

RFETS-CC

DIST.	LTR	ENC
BACON, R.F.		
BENSUSSEN, S.J.		
BORMOLINI, A.M.		
BRAILS FORD, M.D.		
BURDGE, L.		
CARD, R.G.		
COSGROVE, M.M.		
COULTER, W.L.		
CRAWFORD, A.C.		
DERBY, S.		
DIETERLE, S.E.		
FERRERA, D.W.		
FERRERA, K.P.		
GERMAIN, A.L.		
HARDING, W.A.		
HARROUN, W.P.		
HEDAH, T.G.		
HERRING, C.L.		
HILL, J.A.		
MARTINEZ, L.A.		
NORTH, K.		
OGG, R.N.		
PARKER, A.		
PHILLIPS, F.J.	X	
RHOADES, D.W.		
RUSCITTO, D.G.		
SANDLIN, N.B.		
SPEARS, M.S.		
TILLER, R.E.		
VOORHEIS, G.M.		
Archer, A.		
Shelton, S.		
Baytown, C.		

COR CONTROL	X	X
ADMN RECORD	X	X
PATS/T130G		

Reviewed for Addressee
Corres. Control RFP

10/16/97
Date By

Ref Ltr. #

DOE ORDER #

3400.1

Mr. Tim Rehder
U.S. Environmental Protection Agency, Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2466

Mr. Steve Tarlton
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Mr. Rehder and Mr. Tarlton:

The Rocky Flats Cleanup Agreement (RFCA), Attachment 4, contains the prioritized list of Environmental Restoration (ER) sites developed to select the top priority sites for remediation. The list was developed to be used as an aid in planning and prioritizing removal actions at the Rocky Flats Environmental Technology Site (RFETS). The sequence of remediation activities at RFETS has generally followed the prioritization. Other factors that also influence the remediation sequence are funding, project cost, resource availability, data sufficiency, and integration with other site activities. Prioritization accelerates the cleanup process of the highest risk sites first, and more quickly reduces risks to human health and the environment. The prioritization of cleanup also results in cost reduction by allowing better planning, and more efficient utilization of resources.

The original 1995 prioritization methodology was developed by a working group of the United States Environmental Protection Agency; the Colorado Department of Public Health and Environment; the United States Department of Energy; Kaiser-Hill Company, L.L.C.; and Rocky Mountain Remediation Services (RMRS) staff, and was implemented by RMRS. The result was a prioritized list of ER sites, including a list of ranked sites that require more information. In accordance with RFCA Attachment 4, the ranking was updated in 1996, and included the addition of Action Level Framework values, modified scoring scale, groundwater plumes, potential areas of concern (PACs), and a professional judgment factor.

Attached to this letter is the 1997 updated ER Ranking. No modifications to the methodology were developed. The list has been updated as follows:

- The removal action at Individual Hazardous Substance Site (IHSS) 113 Mound Site was completed;
- The list was extended to include the comprehensive list of IHSSs and PACs from the original 1992 Historical Release Report (HRR);



Tim Rehder
Steve Tarlton
97-DOE-05425

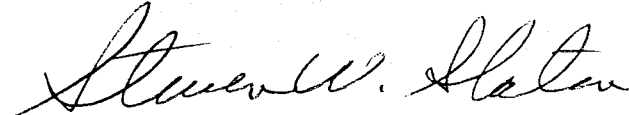
2

OCT 15 1997

- the rank of IHSS 119.1 changed from #17 to #28 due to a previous error which had double-counted the groundwater contamination score; and
- the status column is consistent with the 1997 Annual HRR Update with respect to proposed No Further Actions.

If you should have any technical concerns regarding this list, please contact Norma I. [REDACTED] at (303) 966-4226 or contact me at (303) 966-4839.

Sincerely,



Steven W. Slaten
RFCA Coordinator

Enclosure

cc w/Enc:

J. Lillich, EPA
G. Kleeman, EPA
C. Spreng, CDPHE
R. Greenberg, EM-45, HQ
Administrative Record

cc w/o Enc:

J. Legare, AMEC, RFFO
B. April, RLG, RFFO
R. Tyler, ER/WM, RFFO
N. Castaneda, ER/WM, RFFO
A. Sieben, K-H
D. Shelton, K-H
C. Dayton, K-H

ER Ranking

Rev. 9/97

Status	Rank	IHSS Number and Name	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score	Potential for Further Release Multiplier	Professional Judgment Multiplier	Total Priority Score	Exceeds Tier 1	General Comments
C-96		1109 Ryan's Pit		33679	2	<1	33681	10	2	3	1	60	yes	Source removed
C-96		2110 Trench T-3		26101	1612	<1	27713	10	2	3	1	60	yes	Source removed
C-96		3111.1 Trench T-4		26101	78	n	26179	10	2	3	1	60	yes	Source removed
C-97		4113 Mound		19064	6	1	19071	9	3	2	1	54	yes	Source removed
		5108 Trench T-1		11	11080	<1	11207	9	1	3	2	54	yes	Trench contents not sampled, subsurface ALF ratio based on previously excavated drum data.
		6112 /155/140 903 Pad and Lip Area		40488	<1	45	40533	10	2	2	1	40	yes	IHSSs evaluated together
		7 Mound Plume		19067			19067	9	3	1	1	27	yes	Impacting surface water in the S. Walnut Creek Drainage
IAC-96		8118.1, 132 and 121 Tanks 9 & 10		1194	5756	2321	2	9273	8	1	1	24	yes	IHSSs evaluated together-Carbon Tetrachloride Plume Source
IAC-96		9121 Tank T-40		n	n	<1	3570	7	1	3	1	21	yes	Source removed, tank foamed and stabilized
IAC-96		10121/124.1/124.2/125 PW Tank T-16N		3570	n	<1	3570	7	1	3	1	21	yes	Source removed, tank foamed and stabilized
IAC-96		11121 Tanks T-2/1-3, 122-Underground Concrete Tanks		1453	<1	n	1453	7	1	3	1	21	yes	Tank foamed and stabilized, PAHs in surface soil and groundwater
		12903 Pad & Ryan's Pit Plume		751	270	<1	1050	7	1	3	1	21	yes	Low level impact on surface water in the S. Walnut Creek drainage
		13 East Trenches Plume		72427			72427	10	2	1	1	20	yes	Source removed, tank foamed and stabilized
IAC-96		14121/124.3 Process Waste Tank T-14		26105			26093	10	2	1	1	20	yes	Plume indicates source present
		15170, 174.1 (174a), 174.2 (174b) PU&D Storage Areas		<1	<1	n	1000	6	1	3	1	18	yes	Plume not characterized
		16 PU&D Yard Plume		190	n	12	202	4	2	1	2	16	no	No impact on surface water in the Woman Creek drainage
		17881 Hillside Plume		190			190	4	2	1	1	8	no	Source removed, tank foamed and stabilized
		18 Carbon Tetrachloride Plume (118.1)		9167	n	n	9167	8	1	1	1	8	yes	Source not characterized
		19121 Tank T-29 (Tank 207)		5756	n	n	5756	8	1	1	1	8	yes	No impact on surface water in the Woman Creek drainage
		20 Industrial Area Plume	15	<1	<1	4110	4125	7	1	2	0.5	7	yes	IHSS 118.1 is suspected source
		21101 Solar Ponds		2615	n	n	2643	7	1	1	1	7	yes	New 1995 data-PAHs in surface soil
		22 Solar Ponds Plume		2403	<1	14	2417	7	2	1	0.5	7	yes	No impact on surface water
		23160 Rad Site Bldg 664 Parking Lot		2403			2403	7	2	1	0.5	7	yes	IHRA 10-4 to 10-6 or less, upgradient groundwater from 118.1 not used in ranking IHSS 101
		24114-Present Landfill (includes IHSS 203)		578	n	1	579	6	1	1	1	6	yes	Plume due to NO _x impacts surface water in N. Walnut Creek drainage
		25 Present Landfill Area Plume		415	<1	31	446	5	2	1	0.5	5	no	Paved
		26158 Rad Site - B551/B554		415			415	5	2	1	0.5	5	no	Compliance, presumptive remedy for closure
		27 Building 881 Area Plume		418	n	1	419	5	1	1	1	5	no	IHRA, 10E-4 to 10-6 Remedial Action required due to physical hazard
		28119.1 : OU 1- Solvent Spill Site		257			263	5	1	1	1	5	no	Paved
IAC-96		29129 - Tank T-4, outside steam plant		29	159	188	188	4	1	1	1	4	no	Source may be due to UBC at B881
		30121, 126.1, 126.2 Tank T-8	<1	n	n	2	2	1	1	3	1	3	no	Cad/Rod amendment pending
		31 Old Landfill Area Plume		<1	<1	<1	0	1	1	3	1	3	no	Tank foamed and stabilized, tank not breached
		32 Building 779 UBC		174			174	4	1	1	0.5	2	no	
		33121 Tank T-27		n	n	64	64	2	1	1	1	2	no	IHRA, 10E-4 to 10-6 Remedial Action required due to physical hazard
		34143 771 Outfall		n	n	59	59	2	1	1	1	2	no	Contamination due to B779
		35172 Central Avenue Waste Spill		46	<1	3	49	2	1	1	1	2	no	PAHs in surface soil
		36176 S&W Yard		28	n	18	46	2	1	1	1	2	no	
		37131 Rad Site #1 - 700 Area		n	n	26	26	2	1	1	1	2	no	Metals in GW
		38120.1 North Fiberglassing area		n	n	4	4	1	1	2	1	2	no	
		39150.3 Rad Site Between B771 & B774		n	n	20	20	1	1	1	1	1	no	
		40214 750-Pad pondcrete/saltcrete storage		n	n	16	16	1	1	1	1	1	no	Contamination probably from 400 Complex
		41157.1 Rad Site North-Central Ave Ditch		n	n	13	13	1	1	1	1	1	no	
		42157.2 Rad Site south		5	n	5	10	1	1	1	1	1	no	
				2	n	5	7	1	1	1	1	1	no	PCB hit above AL, listed under PCB 9.

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Status	Rank	IHSS Number and Name	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score	Potential for Further Release Multiplier	Professional Judgment Multiplier	Total Priority Score	Exceeds Tier 1	General Comments
	43	120.2 West Fiberglassing Area												
	44	144 Sewer line overflow		n	n	6	6	1	1	1	1	1	no	
	45	136.2 Cooling Tower Pond East of B444		n	n	4	4	1	1	1	1	1	no	
	46	163.1 Rad Site 700 North B774		n	n	4	4	1	1	1	1	1	no	
	47	139.1 KOH, NaOH condensate tanks spill		n	n	2	2	1	1	1	1	1	no	
	48	139.2 Hydrofluoric Acid Tank spills		n	n	19	19	1	1	1	1	0.5	no	PAHs in surface soil
	49	153 Oil Burn Pit		n	n	19	19	1	1	1	1	0.5	no	PAHs in surface soil
	50	164.3 Rad Site #2, 800 Area, 887 Pad		<1	<1	n	<1	0	1	1	1	0	no	PAHs in surface soil
	51	127 Low level Rad waste leak		n	n	<1	<1	0	1	1	1	0		PAHs in surface soil
	52	186 Valve Vault 11, 12 and 13		n	n	<1	<1	0	1	1	1	0		Remediate with Mound Site, in PA fence
	53	150.4 Rad Site NW of B750		n	n	<1	<1	0	1	1	1	0		
	54	159 Rad Site B559		n	n	<1	<1	0	1	1	1	0		
	55	111.3 SE Trenches T-6		<1	<1	n	<1	0	1	1	1	0		
	56	111.4 SE Trenches T-7		n	<1	n	<1	0	1	1	1	0		
	57	111.5 SE Trenches T-8		<1	<1	<1	<1	0	1	1	1	0		
	58	111.6 SE Trenches T-9		<1	<1	<1	<1	0	1	1	1	0		
	59	138 Bldg 779 Cooling Tower Blowdown		<1	<1	<1	<1	0	1	1	1	0		
	60	164.2 Rad Site #2, 800 Area, Bldg 886 Spill		n	n	<1	<1	0	1	1	1	0		
	61	111.7 SE Trenches T-10		<1	<1	<1	<1	0	1	1	1	0		
	62	137 Bldg 712/713 Cooling Tower Blowdown		n	tbcd	tbcd	<1	0	1	1	1	0		Investigation done, analysis not
INV	171	Fire Training Building 444 UBC		n	n	n	0	0	1	1	1	0		
INV		Building 707 UBC	134	156	n	<1	134	4	1	2	2	16	no	Empirical data indicates free product present
INV	121	Old Process Waste Lines-includes: 66 segments (35,000) & 22 tank units-not investigated	142	1013	n	<1	156	4	1	1	2	8		Known contaminant plume
		123.2 Valve Vault w. of 707			n	n	1013	7	1	1	2	8		Many known spills
		147.1 MAAS Area										14	yes	IHSS 121 includes the following italicized IHSSs
		149.1 OPWL to SEPS												Not characterized, probably highly contaminated
		149.2 OPWL to SEPS												Not characterized, probably highly contaminated
		215 Abandoned sump in 774												Not characterized, probably highly contaminated
INV		Bldg 774 UBC (146.1, 146.2, 146.3, 146.4, 146.5, 146.6)		n	n	n	0	0	1	1	2	0		Not characterized, probably highly contaminated
INV		Bowman's Pond (PAC 700-1108)		n	n	n	0	0	2	1	2	0		Not characterized, probably highly contaminated
INV	150.1	Rad Site N. of 771		n	n	<1	0	0	1	1	1	0		Not characterized, probably highly contaminated
INV	150.2	Rad Site W. of 771/776		n	n	<1	0	0	1	1	1	0		Tanks removed, 1971 rad. data exceeded Tier I levels
INV	117.1	(North Site)&197/Scrap Metal Storage		n	n	<1	0	0	1	1	1	0		Process knowledge of probable influent liquids
INV	161* - W. of 664			n	n	<1	0	0	1	1	1	0		Paved, old data exists
INV	117.2	Middle Site Chemical Storage		n	n	<1	0	0	1	1	2	0		Paved, old data exists
INV	128	Oil Burn Pit #1	651	n	n	<1	651	6	1	1	2	0		Suspected source known buried material-P&UD yard
INV	150.7	Rad Site S. of 778	<1	n	n	<1	651	6	1	1	1	6		Waste staging area-lack of data
INV	163.2	Americium Slab		n	n	<1	0	0	1	1	1	0	yes	Source
INV	213	904 Pad, Pondcrete Storage		n	n	<1	0	0	1	1	1	0		Tied to Building 395 D&D Project
INV	116.1	Bldg 447, W. Loading Dock		n	n	n	0	0	1	1	1	0		Rad Screens only
INV	116.2	Bldg 444, S. Loading Dock		n	n	<1	0	0	1	1	1	0		HPGe Survey
INV	136.1	Cooling Tower Pond W. of 444		n	n	<1	0	0	1	1	1	0		Active Storage Unit, not sampled
INV	148	Waste Leaks		n	n	<1	0	0	1	1	1	0		
INV	150.8	Rad Site S. of 779		n	n	<1	0	0	1	1	1	0		
INV	173	Rad Site Bldg 991		n	n	<1	0	0	1	1	0.5	0		Spills cleaned up at time
											0.5	0		Spills cleaned up at time

September 30, 1997

n = data not available

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ER Ranking

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Status	Rank	IHSS Number and Name		Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score	Potential for Further Release Multiplier	Professional Judgment Multiplier	Total Priority Score	Exceeds Tier 1	General Comments
INV	184	Rad Site 991 Steam			n	n	<1	0	0	1	1	0.5	0		Unconfirmed-no location found
INV	162 - 700	Area			n	n	<1	0	0	1	1	0.5	0		Spills cleaned up at time
LOW	Building 881	UBC			257	7	n	264	5	1	1	1	5	yes	No pathway known
LOW	111.8	Trench T-11			96	<1	<1	96	3	1	1	1	3	no	Organics in groundwater
LOW	190	Caustic Leak			12	n	<1	12	3	1	1	1	3	no	Evaluate using approved N/A/NFA process
LOW	177-OU	10			<1	n	2	2	1	1	1	1	1	no	PCB hit above AL
LOW	118.2	Solvent Spills North End of Bldg. 707			<1	n	<1	0	0	1	1	1	0	no	Evaluate using approved N/A/NFA process
LOW	121-PO8	OPWL Pipeline: 135 ft. Bldg. 881			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	121-P57	OPWL Pipeline: 112 ft. Bldg. 122			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	121-T12	Invalid tank location			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	121-T31	Invalid tank location			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	121-133	Invalid tank location			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	121-134	Invalid tank location			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	121-135	Invalid tank location			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	175	S&W B.980 Container Storage Facility			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	182	444/453 Drum Storage Area			n	n	<1	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	205	Sump #3 Acid Site, SE B460			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	206	Inactive D-386 HW Tank B374			n	n	<1	0	0	1	1	1	0	no	Evaluate using approved N/A/NFA process
LOW	207	Inactive B444 Acid Dumpsters			n	n	<1	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	208	Inactive 444/447 Waste Storage.			n	n	<1	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	187	Sulfuric Acid Spill, B443			n	n	<1	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	169	Hydrogen Peroxide Spill			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	134(N)	Lithium Metal Destruction Site			n	n	n	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	134(S)	Lithium Metal Destruction Site			<1	n	<1	0	0	1	1	1	0		Evaluate using approved N/A/NFA process
LOW	150.6	Loading Dock			n	n	<1	0	0	1	1	1	0		Evaluate by N/A/NFA process/le B335 D&D
LOW	154	Pallet Burn Site			n	n	<1	0	0	1	1	1	0		Evaluate by N/A/NFA process/le B335 D&D
LOW	111.2	Trench T-5			n	n	<1	0	0	1	1	1	0		Evaluate with N/A/NFA/PCB Hot Spot only
LOW	115	Original Landfill			<1	<1	1	1	1	1	1	0.5	0		Removed during PA construction, verify only
LOW	133.4	Ash Pit #4			172	<1	27	199	4	1	1	0.5	0.5	no	HHRA, 10E-4 to 10-6
LOW	196	in Old Landfill			44	<1	2	46	2	1	1	0.5	2	no	HHRA, 10E-4 to 10-6
LOW	133.1	Ash Pit #1			44	<1	<1	44	2	1	1	0.5	1	no	HHRA, 10E-4 to 10-6
LOW	133.2	Ash Pit #2			44	2	<1	46	2	1	1	0.5	1	no	HHRA, 10E-4 to 10-6
LOW	133.3	Ash Pit #3			44	2	<1	46	2	1	1	0.5	1	no	HHRA, 10E-4 to 10-6
LOW	165	Triangle Area			44	<1	<1	44	2	1	1	0.5	1	no	HHRA, 10E-4 to 10-6
					215	<1	14	229	4	2	1	0.5	4	yes	HHRA, less than 10-6, metals
NFA	151	Fuel Oil Leak			n	n	<1	0	0	1	1	1	0		
NFA	210	Bldg 980 Cargo Container			n	n	<1	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA	164.1	Rad Site #2 - 800 Area			n	n	<1	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA	188	Acid Leak Southeast of Bldg. 374			2	n	<1	2	1	1	1	0.5	0.5	no	Evaluated using approved N/A/NFA process
NFA	181	Building 334 Cargo Container Area			n	n	<1	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA	147.2	Bldg 881 Conversion Activity			n	n	<1	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA	117.3	S Chemical Storage Site			n	n	<1	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA	191	Hydrogen Peroxide Leak			n	n	<1	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA	156.1	Radioactive Site			n	n	n	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA	216.2	East Spray Field - OU 2			n	n	<1	0	0	1	1	1	0		Evaluated using approved N/A/NFA process
NFA					n*	n	<1	0	0	1	1	1	0		PPRO ratio less than 1, *2 downgradient wells

n = data not available

ER Ranking

Rev. 9/97

Status	Rank	IHSS Number and Name		Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score	Potential for Further Release	Professional Judgment	Total Priority Score	Exceeds Tier 1	General Comments
NFA		216.3	East Spray Field - OU 2		n*	n	<1	0	0	1	1	1	0		PPRG ratio less than 1, *2 downgradient wells
NFA		104	Liquid Dumping		<1	10	<1	10	4	2	1	0.5	4	Yes	HHRA, less than 10-6
NFA		130	800 Area Rad Site #1		<1	34	<1	34	2	2	1	0.5	2	Yes	HHRA, less than 10-6
NFA		123.1	Valve Vault #7		n	n	<1	0	0	1	1	1	0		HHRA, less than 10-6
NFA		135	Bldg 337 Cooling Tower		n	n	<1	0	0	1	1	1	0		Evaluated using approved NA/NFA process
NFA		119.2	Solvent Spill Site		9	<1	<1	9	1	2	1	1	0		Evaluated using approved NA/NFA process
NFA		133.5	Incinerator		n	<1	<1	0	0	1	1	0.5	1	no	HHRA, less than 10-6
NFA		133.6	Concrete Wash Pad		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6
NFA		142.1	Pond A-1		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6
NFA		142.2	Pond A-2		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond data
NFA		142.3	Pond A-3		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond data
NFA		142.5	Pond B-1		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		142.6	Pond B-2		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond data
NFA		142.7	Pond B-3		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		142.8	Pond B-4		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		199	Offsite Land Surface		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		200	Great Western Reservoir		<1	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		167.2	Landfill Pond Spray Area		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 w/pond & sediment data
NFA		167.3	Landfill South Spray Area		n	<1	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6 No groundwater issues
NFA		102	Oil Sludge Pit		<1	n	<1	0	0	1	1	0.5	0		HHRA, 10E-4 to 10-6, plus sediment samples
NFA		103	Chemical Burial		<1	<1	<1	<1	0	2	1	0.5	0		Focused HHRA, 10E-4 to 10-6
NFA		105.1	W Out-of-Service Fuel Tank		<1	<1	<1	<1	0	2	1	0.5	0		HHRA, less than 10-6
NFA		105.2	E Out-of-Service Fuel Tank		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
NFA		106	Outfall		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
NFA		107	Hillside Oil Leak		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
NFA		145	Sanitary Waste Line Leak		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
NFA		142.10	Pond C-1		<1	<1	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
NFA		142.11	Pond C-2		n	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6
NFA		167.1	N Landfill Spray Area		n	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6 Includes pond & sediments
NFA		141	Sludge Dispersal Area		<1	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6 Includes pond & sediments
NFA		156.2	Soil Disposal Area		<1	n	<1	0	0	2	1	0.5	0		HHRA, less than 10-6
NFA		201	Standley Lake		<1	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6
NFA		202	Mower Reservoir		<1	<1	<1	0	0	1	1	0.5	0		HHRA, less than 10-6
NFA		209	Surface Disturbances		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		166.1	Landfill Trench A		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		166.2	Landfill Trench B		<1	<1	n	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		166.3	Landfill Trench C		<1	<1	n	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		F167.3	Former S. Spray Field		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		142.4	Pond A-4		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		142.9	Pond B-5		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		142.12	Walnut and Indiana Pond		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen w/ pond and sediment data
NFA		216.1	East Spray Field - OU 6		<1	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		152	Fuel Oil Tank 221 Spill		n	<1	<1	0	0	1	1	0.5	0		Passed CDPHE screen
NFA		183	Gas Detox Facility		n	n	n	0	0	1	1	0.5	0		Evaluated using approved NA/NFA process
NFA		189	Nitric Acid Tank		n	n	n	0	0	1	1	0.5	0		Evaluated using approved NA/NFA process

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Status	Rank	IHSS Number and Name		Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release Multiplier	Professional Judgment Multiplier	Total Priority Score	Exceeds Tier 1	General Comments
C-96		168 West Spray Field		190	<1	<1	190	4	1	1	1	0.5	2	no	Passed CDPHE screen, CAD/ROD complete
C-95		179 B865 Drum Storage, Rm. 145		n	n	n	0	0	1	1	1	0.5	0		RCPA Clean Closure CAD/ROD complete
C-95		180 B883 Drum Storage, Rm. 104		n	n	n	0	0	1	1	1	0.5	0		RCPA Clean Closure CAD/ROD complete
C-95		204 Original Uranium Chip Roaster		n	n	n	0	0	1	1	1	0.5	0		RCPA Clean Closure CAD/ROD complete
C-95		178 B881 Drum Storage, Rm. 165		n	n	n	0	0	1	1	1	0.5	0		No source found-CAD/ROD complete
C-95		211 B881 Drum Storage #26-R211		n	n	n	0	0	1	1	1	0.5	0		No source found-CAD/ROD complete
C-95		217 B881 Cyanide Treatment - #32		n	n	n	0	0	1	1	1	0.5	0		No source found-CAD/ROD Complete
C-94		185 Solvent Spill		n	n	n	0	0	1	1	1	0.5	0		No source found-CAD/ROD Complete
C-94		192 Pipeline		3	n	n	3	0	1	1	1	0.5	0		No source found-CAD/ROD Complete
C-94		193 Steam Condensate		n	n	n	0	0	1	1	1	0.5	0.5	no	Evaluated using approved NAINFA process
C-94		194 Solvent Spill		n	n	n	0	0	1	1	1	0.5	0		Evaluated using approved NAINFA process
C-94		195 Nickel Carbonyl Disposal		n	n	n	0	0	1	1	1	0.5	0		No source found-CAD/ROD Complete
NFA		NE-1400 Tear Gas Powder Release											0		No source found-CAD/ROD Complete
NFA		NE-1401 NE Buffer Zone Gas Line Break		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		NE-1402 East Inner Gate PCB Spill		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		NE-1403 Gasoline Spill - Building 920 Guard Post		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		SE-1600 Pond 7 - Steam Condensate Releases		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		SE-1601 Pond 8 - Cooling Tower Discharge Releases		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		SW-1700 Fuel Spill into Woman Creek Drainage		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		000-501 Roadway Spraying		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-600 Mercury Spill - Valve Vault 124-B		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-601 Building 123 Phosphoric Acid Spill		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-604 T130 Complex Sewer Line Leaks		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-605 Building 115 Hydraulic Oil Spill		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-606 Building 126 TCE Spill		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-608 Building 131 Transformer Leak		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-610 Asbestos Release - Building 123		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		100-612 Battery Solution Spill - Building 119		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-700 Scrap Roofing Disposal		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-701 Sulfuric Acid Spill - Building 371		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-703 Building 331 North Area		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-704 Roof Fire Building 381		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-705 Potassium Hydroxide Spill North of Building 374		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-706 Evaporator Tanks North of Building 374		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-707 Sanitizer Spill		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-708 Transformers North of Building 371		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-709 Transformer Leak 334-1		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		300-710 Gasoline Spill North of Building 331		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		400-800 Transformer 443-1		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		400-805 Building 443 Tank 9 Leak		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		400-808 Catalyst Spill, Building 440		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		400-809 Oil Leak - 446 Guard Post		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process
NFA		500-900 Transformer Leak - 515/516		n	n	n	0	0	1	1	1	0.5	0	no	Evaluated using approved NAINFA process

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NFA		500-901 Transformer Leak - 555		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		500-902 Transformer Leak - 559		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		500-903 RCRA Storage Unit #1		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		500-905 Transformer Leak - 558-1		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		600-1000 Transformer Storage Building 662		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		600-1002 Transformer Storage - West of Building 666		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		600-1003 Transformers North and South of 661-675		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1102 Transformer Leak -776-4		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1103 Leaking Transformers - Building 707		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1104 Leaking Transformers - Building 708		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1107 Compressor Waste Oil Spill - Building 776		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1109 Uranium Incident - Building 778		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1110 Nickel Carbonyl Burial West of Building 771		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1111 Leaking Transformers - Building 750		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		700-1112 Leaking Transformer - 776-5		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1202 Sulfuric Acid Spill, Building 883		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1203 Sanitary Sewer Line Break between 865/886		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1206 Fire Building 883		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1207 Transformer 883-4		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1208 Transformer 881-4		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1209 Leaking Transformers, 800 Area		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1210 Transformer 865-1 and 865-2		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		800-1211 Capacitor Leak, Building 883		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		900-1300 RO Plant Sludge Drying Beds		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		900-1302 Gasoline Spill		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		900-1303 Natural Gas Leak		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		900-1304 Chromic Acid Spill - Building 991		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		900-1305 Building 991 Roof		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
NFA		900-1306 Transformers 991-1 and 991-2		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
LOW		000-500 Sanitary Sewer System		n	n	n	0	0	1	1	0.5	0	no	Evaluated using approved NA/NFA process
LOW		100-602 Building 123 Process Waste Line Break												
LOW		100-603 Building 123 Bioassay Waste Spill												
LOW		100-607 Building 111 Transformer PCB Leak												
LOW		100-609 Building 121 Security Incinerator												
LOW		100-611 Building 123 Scrubber Solution Spill												
LOW		300-702 Pesticide Shed												
LOW		400-801 Transformer, Roof of Building 447												
LOW		400-802 Storage Area, South of Building 334												
LOW		400-803 Misc. Dumping, Building 460 Storm Drain												
LOW		400-804 Road North of Building 460												
LOW		400-807 Sandblasting Area												
LOW		400-810 Beryllium Fire - Building 444												
LOW		500-904 Transformer Leak - 223-1/223-2												
LOW		600-1001 Temporary Waste Storage Building 663												
LOW		700-1100 French Drain North of Building 776/777												

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